

Multi-function Thermo
Name : Anemometer CUP speed air
Weather
Model : AM-4836C

It bears the CE marking that certifies its compliance with the essential health standards and safety requirements set out by the European Directives, thus your safety while using the AM-4836C is assured.

Embrace the many advantages of having a Directional & 3-cup type Velocity sensor probes!

The precision instrument that has a variety of practical applications including data collections for weather analysis, weather forecast, collection of the weather datum for outdoor busywork, navigation, marine applications, environment monitor for ventilation systems & ducts, installation, data collection for boiler, refrigeration industry, fire department, for outdoor people such as sailors, trekkers, para gliders, skiers, golfers, balloonists, hang gliders, windsurfers, weather enthusiast, lovers of kiteflying, kite-surfing, paragliding, environment monitor, and many others navigation measurement.

- * Has CE marking, conforms with the essential health and safety requirements set out by the European Directives
- * Uses sensitive directional and 3-cup type sensor probes
- * Equipped with Maximum Value Data Hold feature
- * It can memorize 24 groups of obtained data and capable to recall the data from the meter at anytime
- * Features instant results that's clearly & legibly shown on an easy to read LCD screen with vivid blue backlighting

- * With precised measurements of (1) Speed in selectable units such as meter/second, kilometers/hour, feet/minute & knots, (2) Flow in selectable units such as cubic meters/minute & cubic feet/minute, (3) Temperature in selectable units such as fahrenheit & celsius and (4) Direction in 16 directions at 22.5° resolution

- * With easy to read LCD screen with vivid blue backlighting that can be switch On and OFF

- * With 0-9 minutes Auto-Switch Off set by users***It can provide highly accurate measurements with only 4 pcs of 1.5 batteries

- * With FREE protective carrying case with rubber and inside contours, fits instrument perfectly. When closed, it is then sandwiched between rubber to achieve optimum shock absorption.



- * Display: Easy to Read Dual Function 0.5" (13mm) 4-digit LCD with Excellent Blue Backlighting Function
- * Data hold Maximum Value
- * Data memorized 24 groups
- * Custom LSI Microprocessor Circuit
- * 1 reading per second approx. sampling rate
- * Sensors Air velocity/flow sensor: 3 cup probe with ultra-low friction ball bearing
- * Direction probe: low friction directional probe with compass
- * Temperature sensor: NTC-type precision thermistor
- * Automatic Power off 0-9 minutes set by users
- * With optional Data Output RS232C serial interface
- * Operating Temperature is 32°F to 122°F or 0°C to 50°C
- * Maximum Operating Humidity 80% RH
- * Power Supply 4 x 1.5V AAA size
- * Weight 260g (0.57lb) including batteries & probes
- * Dimensions Main instrument: 156mm x 67mm x 28mm (6.1" x 2.6" x 1.1")
- * Velocity sensor: 65mm x 65mm x 115mm
- * Direction sensor: 86mm x 69mm x 115mm



	Range	Resolution	Accuracy
Air Velocity			
m/s (meters per sec)	0.4 - 45.0 m/s	0.1 m/s	± (2% + 0.1m/s)
km/h (kilometers per hour)	1.4 - 162.0 km/hr	0.1km/hr	± (2% + 0.1km/hr)
ft/min (feet per min)	80 - 8860 ft/min	0.1ft/min	± (2% + 1ft/min)
knots (nautical MPH)	0.8 - 88.0 knots	0.1 knots	± (2% + 0.1 knots)
Air Flow			
CMM (cubic meters/min)	0 - 9999 m3/min	0.001 to 1	± (2% + 1 m3/min)
CFM (cubic ft/min)	0 - 9999 ft3/min	0.001 to 1	± (2% + 1 ft3/min)
Beaufort Scale	0 - 12	0.1	± 0.5
Direction	0 - 360°	22.5°	± 22.5°
Wave Height	0 - 14	0.1	± 0.1
Air Temperature	32°F - 140°F	0.1°F	0.9°F
	0°C - 60°C	0.1°C	0.5°C

- * 1 detachable Low friction probe (directional probe)
- * 1 detachable 3-cup probe (velocity probe)
- * Operating Manual
- * Protective Carrying Case with Hardened Foam lining and contours
- * Optional accessory: Cable and software for RS-232 interfacex1 set